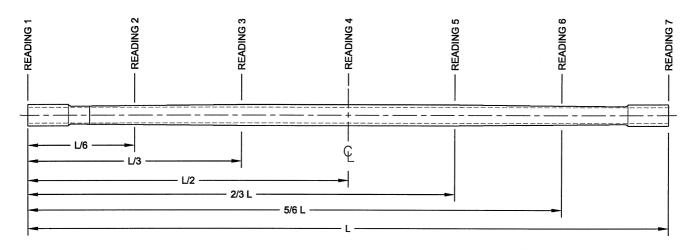
| DART AEROSPACE LTD                  | Work Order:  |              |
|-------------------------------------|--------------|--------------|
| Description: Crosstube Assembly     | Part Number: | D407-667-145 |
| Inspection Dwg: D407-667-145 Rev: D |              | Page 1 of 2  |

## FIRST ARTICLE INSPECTION CHECKLIST

| ln   | spection Sheet | Tolerance     | Actual    | Accord | Deigot | Method of  | Comments |
|------|----------------|---------------|-----------|--------|--------|------------|----------|
| Dra  | wing Dimension | Tolerance     | Dimension | Accept | Reject | Inspection | Comments |
|      | 2.240          | +0.005/-0.000 |           |        | -      |            |          |
|      | 1.865          | +0.005/-0.000 |           |        |        |            |          |
|      | 1.878          | +0.005/-0.000 |           |        |        |            |          |
|      | 1.970          | +0.005/-0.000 |           |        |        |            |          |
|      | 2.030          | +0.005/-0.000 |           |        |        |            |          |
| _    | 2.165          | +0.005/-0.000 |           |        |        | ·          |          |
| ВА   |                | ·             |           |        |        | ·          |          |
| SIDE |                |               |           |        |        |            |          |
|      | 0.125          | +/-0.010      |           |        |        |            |          |
|      | R0.063         | +/-0.010      |           |        |        |            |          |
|      | R0.500         | +/-0.010      |           |        |        |            |          |
|      | R0.063         | +/-0.010      |           |        |        |            |          |
|      | 4.438          | +/-0.030      |           |        |        |            |          |
|      |                |               |           |        |        |            |          |
|      | 2.240          | +0.005/-0.000 |           |        |        |            |          |
|      | 1.865          | +0.005/-0.000 |           |        |        |            |          |
|      | 1.878          | +0.005/-0.000 |           |        |        |            |          |
|      | 1.970          | +0.005/-0.000 |           |        |        |            |          |
|      | 2.030          | +0.005/-0.000 |           |        |        |            |          |
|      | 2.165          | +0.005/-0.000 |           |        |        |            |          |
| В    |                |               |           |        |        |            | ·        |
| SIDE | ·              |               |           |        | -      |            |          |
| S    | 0.125          | +/-0.010      |           |        |        |            |          |
|      | R0.063         | +/-0.010      |           |        |        |            |          |
|      | R0.500         | +/-0.010      |           |        |        |            |          |
|      | R0.063         | +/-0.010      |           |        |        | ·          |          |
|      | 4.438          | +/-0.030      |           |        |        |            |          |
|      | 113.20         | +/-0.020      | ·         |        |        |            |          |
|      |                |               |           |        |        |            |          |

| DART AEROSPACE LTD                  | Work Order:  |              |
|-------------------------------------|--------------|--------------|
| Description: Crosstube Assembly     | Part Number: | D407-667-145 |
| Inspection Dwg: D407-667-145 Rev: D |              | Page 2 of 2  |

## **WALL THICKNESS MEASUREMENT**



|                    | WALI | WALL THICKNESS MEASUREMENT (IN) |    |    |                 |           |  |  |  |
|--------------------|------|---------------------------------|----|----|-----------------|-----------|--|--|--|
| Location           | w1   | w2                              | w3 | w4 | Δw<br>(max-min) | TOLERANCE |  |  |  |
| READING 1<br>L= 0" |      |                                 |    |    |                 |           |  |  |  |
| READING 2<br>L=    |      |                                 |    |    |                 |           |  |  |  |
| READING 3<br>L=    |      |                                 |    |    |                 |           |  |  |  |
| READING 4<br>L=    |      |                                 |    |    |                 | 0.042"    |  |  |  |
| READING 5<br>L=    |      | ·                               |    |    |                 |           |  |  |  |
| READING 6<br>L=    |      |                                 |    |    |                 |           |  |  |  |
| READING 7<br>L=    |      |                                 |    |    |                 |           |  |  |  |

| 0-  | I:h | ratio | . D  |     | . 14 |
|-----|-----|-------|------|-----|------|
| (:a | IIN | ratio | ın ĸ | esi | HIT  |

| Actual Block          | Thickness: |  |
|-----------------------|------------|--|
| Sitescan 250 Measured | Thickness: |  |

| Measured by: | Audited by: | Preliminary Approval: |  |
|--------------|-------------|-----------------------|--|
| Date:        | Date:       | Date:                 |  |

| Rev | Date     | Change                                | Revised by | Approved |
|-----|----------|---------------------------------------|------------|----------|
| С   | 09.06.11 | Dwg Rev updated                       | KJ         |          |
| D   | 11.06.21 | Tolerance revised for 4.438 dimension | KJ         |          |
| E   | 12.06.04 | Wall thickness form added             | KJ 0       | ,        |
| F   | 19.03.27 | Dwg Rev updated                       | MG WIT.    | М        |